



2

Appl. S.N. 09/936,692
312 Amdt. dated September 26, 2005
Docket No. UMJ-105-B

In the specification:

For the paragraph at page 12, line 34 - page 13, line 16, please revise as follows:

Some exemplary suitable hydrophobic unsaturated monomers include the following: ~~Acrylates~~ acrylates, methacrylates (eg. methyl methacrylate), ethylene, propylene, tetra-fluoroethylene, styrene, vinyl chloride, vinylidene chloride, vinyl acetate, acrylonitrile, 2,2-bis[4-(2-hydroxy-3-methacryloyloxy-propyloxy)-phenyl] propane (Bis-GMA), ethyleneglycol dimethacrylate (EGDMA), tri-ethyleneglycol dimethacrylate (TEGDMA), bis(2-methacryly-oxyethyl) ester of isophthalic acid (MEI), bis(2-methacryloxyethyl) ester of terephthalic acid (MET), bis(2-methacryloxyethyl) ester of phthalic acid (MEP), 2,2-bis(4-methacryloxy phenyl) propane (BisMA), 2,2-bis[4-(2-methacryloxyethoxy) phenyl] propane (BisEMA), 2,2-bis[4-(3-methacryloxy-propoxy) phenyl] propane (BisPMA), hexafluoro-1,5-pentanediol dimethacrylate (HFPDMA), bis-(2-methacryloxyethoxy-hexafluoro-2-propyl) benzene [Bis(MEHFP)φ], 1,6-bis(methacryloxy-2-ethoxycarbonylamino)-2,4,4-tri-methylhexan (UEDMA), spiro orthocarbonates, other vinyl monomers, the derivatives of these monomers, and mixtures thereof.

For the paragraph at page 16, lines 26-30, please revise as follows:

It has been fortuitously found that, by employing a PMMA-MAA copolymer, both the advantages of the methyl methacrylate unit and the ionomer character of the methacrylic acid unit, work in combination to form a strong and soundly crosslinked structure.